

Who is submitting this request?

NHPUC 11JAN16PM1:27

Aggregator

Aggregator Batch Number

KN0215

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Betsey Virgin

Owner Prefix

Ms.

Facility Owner email

BVirgin49@gmail.com

Owner Phone

603-224-5738

Facility Address

29 Knox Rd

Facility Town/City

Bow

Facility State

NH

Facility Zip

03304

Is the facility address the same as the owner's mailing address

- ☒ Yes  
☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact (who should we call with questions)

Linda Modica

Contact Phone

Other Email Address

Facility Information

Class

II

Utility

Unitil

Other Utility Name

Date of Utility Signoff

07/21/2015

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

55284

Facility Operator Name, if applicable

Panel Quantity

44

Panel Make

SunEdison

Panel Model

F270

Panel Rated Output

270

System capacity based on panels

11.8800

Inverter Quantity

44

Inverter Make

Enphase Energy

Additional Inverter

Rated Output

215

System capacity based on inverters

9.46

System capacity in mW as stated on the interconnection agreement

9.46

Revenue Grade Meter Make

AEE Solar

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes  
☒ No

Date of Electrician Signoff

Sign-off Electrician's License Number

Installation Company

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name

Monitor Company Name

Monitor Company Name

Monitor Company Name

Monitor Company Name

Other Monitor Company Name

Is the installer also the equipment vendor?

- ☐ Yes  
☒ No

Equipment Vendor

SunEdison

Please attach your completed interconnection agreement including Exhibit B.

[https://fs30.formsite.com/jan1947/files/f-5-99-5791757\\_BS0NxyT\\_Virgin\\_SPIA.pdf](https://fs30.formsite.com/jan1947/files/f-5-99-5791757_BS0NxyT_Virgin_SPIA.pdf)

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-168-5791757\\_hEBiRCbU\\_Virgin\\_NHOS.pdf](https://fs30.formsite.com/jan1947/files/f-5-168-5791757_hEBiRCbU_Virgin_NHOS.pdf)

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-5791757\\_uSIEbvYp\\_Virgin\\_COC.pdf](https://fs30.formsite.com/jan1947/files/f-5-173-5791757_uSIEbvYp_Virgin_COC.pdf)

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Linda Modica

Date Signed

12/31/2015



UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Simplified Process Interconnection Application and Service Agreement**

Contact Information: Date Prepared: 06-02-2015

Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)

Customer Name (print): Betsey Virgin Contact Person, if Company: \_\_\_\_\_

Mailing Address: 29 Knox Road

City: Bow State: NH Zip Code: 03304

Telephone (Daytime): 603-224-5738 (Evening): 603-496-3227

Facsimile Number: \_\_\_\_\_ E-Mail Address: bvirgin49@gmail.com

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Name: SunRay Solar, LLC

Mailing Address: 124A Hall Street

City: Concord State: NH Zip Code: 03301

Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: rick@spreadthesunshine.com

Electrical Contractor Contact Information (if appropriate):

Name: SunRay Solar, LLC Telephone: 603-225-6001

Mailing Address: 124A Hall Street

City: Concord State: NH Zip Code: 03301

Facility Information:

Address of Facility: 29 Knox Road

City: Bow State: NH Zip Code: 03304

Electric Service Company: Unitil Account Number: 1045339-1042410 Meter Number: 460990

Inverter Manufacturer: Enphase Model Name and Number: M215 Quantity: 44

Nameplate Rating: 215 (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts) Single \_\_\_\_\_ or Three \_\_\_\_\_ Phase

System Design Capacity: 9.46kW (kVA) \_\_\_\_\_ (kVA)

Net Metering: If Renewably Fueled, will the account be Net Metered? Yes ☒ No \_\_\_\_\_

Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other \_\_\_\_\_

Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other \_\_\_\_\_

UL 1741.1 (IEEE 1547.1) Listed? Yes ☒ No \_\_\_\_\_

Estimated Install Date: July 1, 2015 Estimated In-Service Date: July 15, 2015

Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: Betsey A Virgin Title: owner Date: 5/29/15

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

Approval to Install Facility (For Company use only)

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes \_\_\_\_\_ No ☒ To be Determined \_\_\_\_\_):

Company Signature: [Signature] Title: Dir of Eng Date: 6/30/2015

Company waives inspection/Witness Test? Yes \_\_\_\_\_ No ☒



UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Exhibit B - Certificate of Completion for Simplified Process Interconnections**

Installation Information:

☒ Check if owner-installed

Customer(print): Betsey Virgin  
Mailing Address: 29 Knox Road  
City: Bow State: NH Zip Code: 03304  
Telephone (Daytime): 603-224-5738 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: bvirgin49@gmail.com

Address of Facility (if different from above): \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electrical Contractor's Name (if appropriate): SunRay Solar, LLC  
Mailing Address: 124A Hall Street  
City: Concord State: NH Zip Code: 03301  
Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
License number: 12245M

Date of approval to install Facility granted by the Company: 7-10-15

Application ID number: 1011

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

Bow Merrimack  
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): Bruce Buttrick

Name (printed): Bruce Buttrick

Date: 7-21-15

As a condition of interconnection you are required to send/fax a copy of this form to:

**Generator Interconnection Applications**  
Unitil  
325 West Road  
Portsmouth, NH 03801  
Fax: 603-294-5226





July 24, 2015

Betsey Virgin  
29 Knox Rd.  
Bow, NH 03304

Dear Betsey:

This letter is to notify you that we have tested your generator (Solar PV) and the inverter system at the following address: 29 Knox Rd., Bow, NH

We have replaced your standard meter with a "Net Meter" and you are now authorized to energize your generator and interconnect to the Unitil electric system.

Please, do not hesitate to contact me if you have any further questions or comments.

Warmest regards,

*Valerie Weinand*

Valerie Weinand  
Program Specialist  
Customer Energy Solutions



325 West Road  
Portsmouth, NH 03801

T 603.294.5137 F 603.294.5237 E [weinand@unitil.com](mailto:weinand@unitil.com)  
[www.unitil.com](http://www.unitil.com)

## New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

bav  
bav

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

bav  
bav

A revenue quality meter is used to measure the electricity generated.

bav  
bav

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

bav  
bav

The meter shall be maintained according to the manufacturer's recommendations.

bav  
bav

The project is installed and operating in conformance with applicable building codes.

bav  
bav

A copy of the facility's interconnection agreement is attached.

Betsey Virgin

\_\_\_\_\_  
Printed Name of signature owner

Betsey Virgin  
Betsey Virgin (Sep 11, 2015)

\_\_\_\_\_  
Signature of system owner